

London CBL, 1/2

US DEPARTMENT OF COMMERCE - NOAA
 NOS - NATIONAL GEODETIC SURVEY
 SILVER SPRING MD 20910 - July 11, 2002

CALIBRATION BASE LINE DATA
 BASE LINE DESIGNATION: LONDON CBL
 PROJECT ACCESSION NUMBER: 15458
 NEAREST TOWN: LONDON

QUAD: N370842
 KENTUCKY
 LAUREL COUNTY

LIST OF ADJUSTED DISTANCES (MAY 28, 2002)

FROM STATION	ELEV.(M)	TO STATION	ELEV.(M)	ADJ. DIST.(M) HORIZONTAL	ADJ. DIST.(M) MARK - MARK	STD. ERROR(MM)
0 1998	361.707	150 1998	361.740	150.0052	150.0052	.1
0 1998	361.707	430 1998	363.892	429.9986	430.0042	.2
0 1998	361.707	1200 1998	368.345	1199.9891	1200.0074	.3
150 1998	361.740	430 1998	363.892	279.9934	280.0017	.1
150 1998	361.740	1200 1998	368.345	1049.9838	1050.0045	.2
430 1998	363.892	1200 1998	368.345	769.9904	770.0033	.1

DESCRIPTION OF LONDON CALIBRATION BASE LINE
 YEAR MEASURED: 2001
 LATITUDE: 37 05 21.3 N
 LONGITUDE: 084 04 28.5 W
 AZIMUTH: 228 DEGREES TRUE NORTH
 CHIEF OF PARTY: JRM

THE BASE LINE IS LOCATED ABOUT 1.6 KM (1.0 MI) SOUTH OF LONDON, KY AT THE LONDON/CORBIN AIRPORT (MAGEE FIELD), 17.7 KM (11 MI) NORTH OF CORBIN, KY, 46.8 KM (29 MI) EAST OF SOMERSET, KY AND 27.4 KM (17 MI) WEST OF MANCHESTER, KY.

THE BASE LINE IS AN EAST-WEST BASE LINE WITH THE 0-METER POINT ON THE EAST END. IT CONSISTS OF THE 0, 150, 430, AND 1200 METER POINTS.

London CBL, 2/2

TO REACH THE 0-METER POINT FROM THE JUNCTION OF U.S. ROUTE 25 AND STATE ROUTE 192, LOCATED ABOUT 2.6 KM (1.6 MI) SOUTH FROM THE LAUREL COUNTY COURT HOUSE, GO SOUTH ON U.S. ROUTE 25 FOR 1.4 KM (0.9 MI) TO STATE ROUTE 2069. TURN RIGHT ON STATE ROUTE 2069 AND GO WEST FOR 0.5 KM (0.3 MI) TO THE JUNCTION OF STATE ROUTE 2389 (C.A.P. DRIVE). TURN LEFT ON STATE ROUTE 2389 AND GO SOUTH FOR 0.6 KM (0.4 MI) TO THE JUNCTION OF THE AIRPORT SECURITY GATE. GO THROUGH THE GATE AND GO SOUTH 84 M (275 FT) TO THE 0-METER POINT OF THE BASE LINE.

THE 0-METER POINT IS A 3 INCH DIAMETER BRASS DISK STAMPED "0-1998" SET IN THE TOP OF A 30 CM (12 IN) SQUARE CONCRETE POST FLUSH WITH THE SURFACE OF THE GROUND. IT IS 15.2 M (50 FT) SOUTHEAST OF THE SOUTHWEST CORNER OF A CONCRETE FUEL STORAGE RESERVOIR, 11.0 M (36 FT) SOUTHEAST OF THE SOUTHEAST CORNER OF THE CONCRETE FUEL STORAGE RESERVOIR, 3.6 M (12 FT) SOUTHWEST OF THE EDGE OF THE ASPHALT TARMAC, AND 7.6 M (25 FT) NORTHWEST OF THE TARMAC BLUE LIGHT STRUCTURE.

THE 150-METER POINT IS A 3 INCH DIAMETER BRASS DISK STAMPED "150-1998" SET IN THE TOP OF A 30 CM (12 IN) SQUARE CONCRETE POST FLUSH WITH THE SURFACE OF THE GROUND. IT IS 137.8 M (452 FT) NORTHEAST OF NATIONAL OCEAN SURVEY MONUMENT ARP 2 LDZ, 39.3 M (129 FT) SOUTH OF EASTERN CONCRETE DRAINAGE HEAD WALL, 30.2 M (99 FT) SOUTH OF WESTERN CONCRETE DRAINAGE HEAD WALL, 32.0 M (105 FT) NORTHWEST OF THE EDGE OF THE ASPHALT RUNWAY.

THE 430-METER POINT IS A 3 INCH DIAMETER BRASS DISK STAMPED "430-1998" SET IN THE TOP OF A 30 CM (12 IN) SQUARE CONCRETE POST FLUSH WITH THE SURFACE OF THE GROUND. IT IS 142.9 M (469 FT) NORTHEAST OF NATIONAL OCEAN SERVICE MONUMENT ARP 2 LDZ, 31.7 M (104 FT) NORTHWEST OF THE EDGE OF THE ASPHALT RUNWAY, 29.0 M (95 FT) NORTHWEST OF A CLEAR AIRPORT RUNWAY LIGHT, AND 25.9 M (85 FT) SOUTHEAST OF A PAINTED METAL FENCE POST.

THE 1200-METER POINT IS A 3 INCH DIAMETER BRASS DISK STAMPED "1200-1998" SET IN THE TOP OF A 30 CM (12 IN) SQUARE CONCRETE POST FLUSH WITH THE SURFACE OF THE GROUND. IT IS 31.1 M (102 FT) NORTHWEST OF THE EDGE OF ASPHALT RUNWAY CORNER (END), 29.6 M (97 FT) NORTHWEST OF A RED/GREEN AIRPORT RUNWAY LIGHT, 25.3 M (83 FT) SOUTHEAST OF GRASS DRAINAGE DITCH, AND 18.0 M (59 FT) NORTH OF A CONCRETE PAD WITH LIGHT STRUCTURE.

USER NOTES: CBL USERS SHOULD TAKE CARE IN PLUMBING OVER ALL POINTS. ELEVATIONS ARE FOR CBL USE ONLY.

NOTE: BEFORE USING BASE LINE, CONTACT DAVID DEATON AT THE LONDON/CORBIN FLIGHT TERMINAL BUILDING OR CALL 606-878-9100.

THIS CALIBRATION BASE LINE WAS ESTABLISHED IN CONJUNCTION WITH THE SOUTHEAST CHAPTER OF THE KENTUCKY ASSOCIATION OF PROFESSIONAL SURVEYORS.

FOR MORE INFORMATION PLEASE CONTACT KENTUCKY NGS GEODETIC ADVISOR, J. ROSS MACKAY, NATIONAL GEODETIC SURVEY, OFFICE FOR GEOGRAPHIC INFORMATION, 21 MILLCREEK PARK, FRANKFORT, KY 40601, PHONE: 502-573-0189 OR CONTACT THE SOUTHEAST CHAPTER, KENTUCKY ASSOCIATION OF PROFESSIONAL SURVEYORS, 124 WALNUT STREET, FRANKFORT, KY 40603, PHONE: 1-800-866-3029.